

Docket No. 284468US0PCT



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Fujio MIZUKAMI, et al.

SERIAL NO: 10/563,870

FILED: January 9, 2006

FOR: PROTEIN-REFOLDING MATERIAL

GAU:

EXAMINER: **MAIL STOP PCT**

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

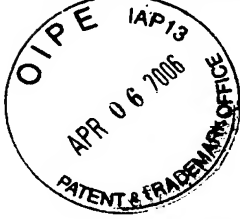
Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 284468US0PCT		SERIAL NO. 10/563,870	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Fujio MIZUKAMI, et al.			
				FILING DATE January 9, 2006		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AK	94/00213	01/06/94	WO		NO	
	AL	6-127937	05/10/94	JP (with English abstract)		NO	
	AM	8-319112	12/03/96	JP (with English abstract)		NO	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AN	MATSUI, Masayoshi et al., "Selective Adsorption of Biopolymers on Zeolites", Chem. Eur. J., Vol. 7, No. 7, Pages 1555 to 1560, 2001.					
	AO	BLUM, Zoltan et al., "Removal of Triton X-100 and SDS from Protein Solutions with Zeolite Y", Acta. Chem. Scand., Vol. 44, No. 5, Pages 531 to 532, 1990.					
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	AQ	ARMSTRONG, Neali et al., "A new protein folding screen: Application to the ligand binding domains of a glutamate and Kainate receptor and to lysozyme and carbonic anhydrase", Protein Science, Vol. 8, Pages 1475-1483, 1999.					
	AR	SHALONGO, William, et al., "Refolding of Denatured Thioredoxin Observed by Size-Exclusion Chromatography", Biochemistry, Vol. 26, Pages 3135-3141, 1987.					
	AS	ALTAMIRANO, Myriam M., et al., "Refolding chromatography with immobilized mini-chaperones", Proc. Natl. Acad. Sci, Vol. 94, Pages 3576-3578, 1997.					
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	AU	HANCOCK, K., "Purification of (His) ₆ -tagged recombinant proteins expressed as inclusion bodies in E. coli using a Ni ²⁺ -charged HiTrap Chelating HP column", Life Science News (Japan. Ed.), Vol. 3, pages 6 - 7, 2001					
	AV	ROZEMA, David et al., "Artificial Chaperones: Protein Refolding via sequential Use of Detergent and Cyclodextrin", J. Am. Chem. Soc., Vol. 117, No. 8, Pages 2373-2374, 1995.					
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	AX	MACHIDA, Sachiko, et al., "Cycloamylose as an efficient artificial chaperone for protein refolding", FEBS Letters, Vol. 486, Pages 131-135, 2000.					
	AY	SANO, T. et al., "Preparation and characterization of ZSM-5 zeolite film", ZEOLITES, Vol. 11, Pages 842 - 845, 1991.					
	AZ	KIYOZUMI, Yoshimichi et al., "Synthesis of a Zeolite Film on a Mercury Surface", Adv. Mater., Vol. 8, No. 6, Pages 517 - 520, 1996.				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner							
Date Considered							
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

U.S. PCT Application Serial No: 10/563,870

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STATEMENT OF RELEVANCY

- 1) References AK & AN - AO have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AL - AM & AP - AZ are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.